

[First Hit](#)      [Previous Doc](#)      [Next Doc](#)      [Go to Doc#](#)**End of Result Set**☐ [Generate Collection](#) [Print](#)

L11: Entry 7 of 7

File: EPAB

May 23, 1996

PUB-NO: WO009615631A1

DOCUMENT-IDENTIFIER: WO 9615631 A1

TITLE: METHODS AND APPARATUS FOR ZOOMING DURING CAPTURE AND REPRODUCTION OF 3-DIMENSIONAL IMAGES

PUBN-DATE: May 23, 1996

## INVENTOR-INFORMATION:

NAME

COUNTRY

PALM, CHARLES S

MCLAINE, RAYMOND

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

SYNTHONICS INC

US

APPL-NO: US09514414

APPL-DATE: November 9, 1995

PRIORITY-DATA: US33915694A (November 10, 1994), US48355295A (June 7, 1995)

INT-CL (IPC): H04 N 13/00

EUR-CL (EPC): H04N013/00

## ABSTRACT:

CHG DATE=19990617 STATUS=O>In the capture and display of three dimensional images, techniques are provided for controlling the amount of disparity between left and right images used to create a three dimensional representation to permit three dimensional perception which would otherwise be lost as disparity increased beyond psychological and physiological limits. Both mechanical (470) and electronic means (520) for controlling disparity are shown. Techniques are disclosed for creating three dimensional animations which utilize disparity control for adjusting the perceived depth of an object vis-a-vis a neutral plane. When zooming in on an object with a stereo camera pair, the shift is in focal length accompanying the zoom is accompanied by a simultaneous shift in disparity so that the stereo effect is not lost when a target object is very close, a moderate distance, or very far from the cameras.

[Previous Doc](#)      [Next Doc](#)      [Go to Doc#](#)

## WEST Search History





DATE: Sunday, July 04, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L14	L2 and left near image	2
<input type="checkbox"/>	L13	L11 and camera	7
<input type="checkbox"/>	L12	L11 and camera near7 offset	2
<input type="checkbox"/>	L11	L9 and stereo\$	7
<input type="checkbox"/>	L10	L9 and (((adjust\$ or position\$) near7 camera) same offset\$)	2
<input type="checkbox"/>	L9	((control\$ or adjust\$) near9 neutral plane)	47
<input type="checkbox"/>	L8	L1 and ((adjust\$ or manipulat\$) near9 neutral plane)	2
<input type="checkbox"/>	L7	(stereo\$ near5 image) and (((adjust\$ or manipulat\$ or control\$) near9 neutral plane) same (gui or graphical user interface))	0
<input type="checkbox"/>	L6	L1 and icon	0
<input type="checkbox"/>	L5	L1 and graphical user interface	0
<input type="checkbox"/>	L4	L2 and graphical user interface	0
<input type="checkbox"/>	L3	L2 and user near9 control\$	1
<input type="checkbox"/>	L2	L1 and (offset\$ near7 camera)	2
<input type="checkbox"/>	L1	(stereo\$ near5 image) and ((adjust\$ or manipulat\$ or control\$) near9 neutral plane)	6

END OF SEARCH HISTORY